

Minutes of the Board of Under Graduate meeting held on 26.07.2023

A meeting of the Board of Under Graduate studies in Chemistry was convened on 26.07.2023 in the Departmental library of P.G Department of Chemistry, University of Kashmir. Prof Aijaz Ahmad Dar, Head Department of Chemistry chaired the meeting and following members participated:

S.No	Name	Affiliation	Nomination
01	Prof. (Dr.) Aijaz Ahmad Dar	Head Dept of Chemistry University of Kashmir	Chairman Board of U.G studies in Chemistry.
02	Prof. Bilal Parvaiz.	Islamia College of Science & commerce(Autonomous)	External Subject Expert and Member U.G board
03.	Prof. Syed Wajaht Amin Shah	Dept of Chemistry University of Kashmir	Academic Expert and Member U.G board
04.	Dr. Mohsin Ahmad Bhat	Dept of Chemistry University of Kashmir	Academic Expert and Member U.G board
05.	Dr. Masood Ahmad Rizvi	Dept of Chemistry University of Kashmir	Academic Expert and Member U.G board
06.	Dr. Dar Aijaz Ahmad	Dept of Chemistry University of Kashmir	Academic Expert and Member U.G board
07.	Prof. Fayaz Ahmad Butt,	Govt. Degree college, Sopore	Academic Expert and Member U.G board
08.	Prof. Fayaz Ahmad Sheikh,	Govt. Degree college, Ganderbal	Academic Expert and Member U.G board
09.	Dr. Parvaiz Ahmad Bhat	Govt. Degree college Pulwama	Academic Expert and Member U.G board
10.	Dr. Oyais Ahmad Chat.	Govt. Degree college, Kupwara	Academic Expert and Member U.G board
11.	Dr. Nadeem Bashir,	Govt. Degree college for Women, Nawakadal	Academic Expert and Member U.G board
12.	Dr. Sumyra Sidiq	Govt. Degree College for Women, Anantnag,	Academic Expert and Member U.G board
13.	Dr. Waheed Ahmad Khanday	Govt. Degree College for Boys, Anantnag	Academic Expert and Member U.G board
14.	Professor Sadat Hassan Kar	Cluster University (SP College) Srinagar,	Academic Expert and CO- OPTED MEMBER
15.	Professor Rukhsana Pattoo	Cluster University (women's college M.A. Road) Srinagar	Academic Expert and CO- OPTED MEMBER
16.	Dr Mushtaq Ahmad Tantray	Govt. Degree College Baramulla (Autonomous)	Academic Expert and Member
17.	Professor Rayees Ahmad Shah	Abdul Ahad Azad Memorial Degree College, Bemina.	Special Invitees

Prof Aijaz Ahmad Head Dept of Chemistry and Chairman board of UG studies welcomed the members of the board for the meeting and updated about the modalities adopted for implementation of NEP 2020 and also presented the agenda of the meeting.

g had the following Agenda:

Course structure and syllabus of undergraduate program in chemistry under National Education Policy (NEP) 2020.

Resolution:

1. With regard to above mentioned agenda, after a thorough discussion about modalities of NEP 2020 the unanimously resolved semester wise course titles for major/ minor options are summarized in the following course outline table:

CREDIT BREAKUP OF COURSES FOR UG PROGRAM IN CHEMISTRY, AS PER NEP-2020

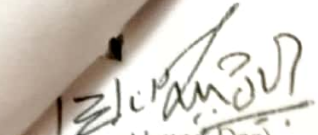
Semester	COURSE TYPE I	COURSE TYPE II	COURSE TYPE III	TOTAL CREDITS
I	Fundamentals of Chemistry and Chemical Analysis-I (4 Credit (Theory)+ 2 Credit (Lab))			06
II	Fundamentals of Chemistry and Chemical Analysis-II (4 Credit (Theory)+ 2 Credit (Lab))			06
III	Fundamentals of Chemistry and Chemical Analysis-III (4 Credit (Theory)+ 2 Credit (Lab))			06
IV	Concepts in Analytical Chemistry (3 Credit (Theory)+ 1 Credit (Lab))	Selected Topics in Inorganic Chemistry (4 Credit (Theory)+ 2 Credit (Lab))	Stereochemistry and Reaction Mechanism (4 Credit (Theory)+ 2 Credit (Tutorial))	16
V	Environmental & Green Chemistry (3 Credit (Theory)+ 1 Credit (Lab))	Selected Topics in Physical Chemistry (4 Credit (Theory)+ 2 Credit (Lab))	Advanced Inorganic Chemistry (4 Credit (Theory)+ 2 Credit (Tutorial))	16
VI	Biological Chemistry (3 Credit (Theory)+ 1 Credit (Tutorial))	Selected Topics in Organic Chemistry (4 Credit (Theory)+ 2 Credit (Lab))	Advanced Topics in Physical Chemistry (4 Credit (Theory)+ 2 Credit (Lab))	16
VII	Chemistry of Materials (3 Credit (Theory)+ 1 Credit (Tutorial))	Quantum Mechanics and Spectroscopy (4 Credit (Theory)+ 2 Credit (Tutorial))	Coordination Chemistry and Inorganic Reaction Mechanism (4 Credit (Theory)+ 2 Credit (Lab))	16
VIII	Applied Chemistry (3 Credit (Theory)+ 1 Credit (Lab))	Spectroscopy of Organic Compounds (4 Credit (Theory)+ 2 Credit (Tutorial))	Instrumental Methods in Chemistry (4 Credit (Theory)+ 2 Credit (Tutorial))	16

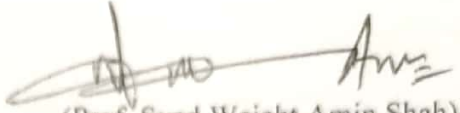
2. The draft of the course content of all these courses after discussion, revision was updated in light of the suggestions/recommendations from all the stake holders and final form of syllabus was unanimously approved upon by the members of board of Undergraduate studies in Chemistry.

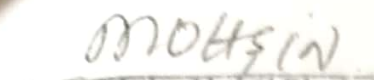
3. The Course codes as per NEP nomenclature, learning outcomes and course objectives were also discussed and placed in the course details of each course.

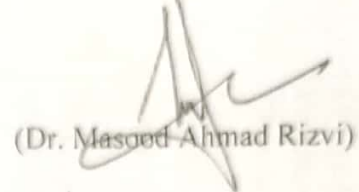
4. The details about examination conduct mode and question paper setting pattern was agreed to be in tune with the recommendations from the University.

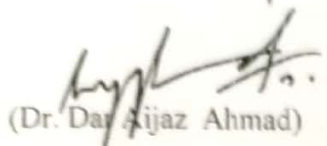
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(Prof. Aijaz Ahmad Dar)

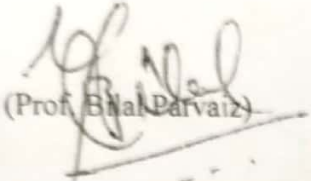

(Prof. Syed Wajaht Amin Shah)


(Prof. Mohsin Ahmad Bhat)


(Dr. Masood Ahmad Rizvi)


(Dr. Dar Aijaz Ahmad)

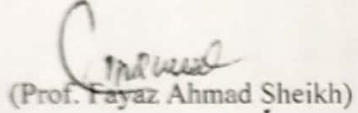
(Dr. Naveen Anand)


(Prof. Bashir Ahmad Ganaie)

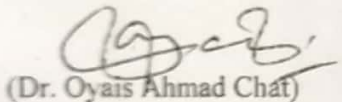
(Prof. Bashir Ahmad Ganaie)

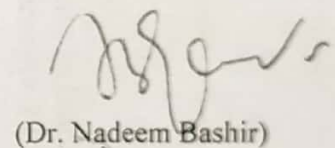
(Dr. Altaf Hussain)

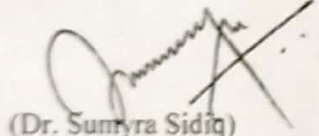

(Prof. Fayaz Ahmad Butt)

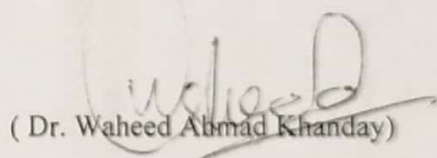

(Prof. Fayaz Ahmad Sheikh)

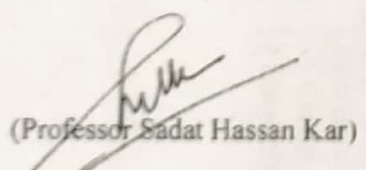

(Dr. Parvaiz Ahmad Bhat)


(Dr. Oyais Ahmad Chat)

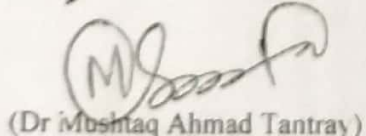

(Dr. Nadeem Bashir)


(Dr. Sumyra Siddiq)


(Dr. Waheed Ahmad Khanday)



(Professor Sadat Hassan Kar)

(Professor Rukhsana Pattoo)


(Dr. Mushtaq Ahmad Tantray)


(Professor Rayees Ahmad Shah)

(Dr. Masood Ahmad Rizvi)
(Rapporteur)


(Prof. Aijaz Ahmad Dar)
Chairman/ Head of the Department